Questions and Answers for the NACHOS BAA 06-42 Proposer's Questions Website

Question:	What is the driving force for sub-wavelength structures in all 3 dimensions, i.e. what do DARPA view as the advantages and for what applications?
Answer:	The general driving force is the desire to make lasers more compatible in size with electronic devices. There is no specific application driving the BAA.
Question:	Does the sub-wavelength size include the full device (including contacts) or only the gain, feedback, or both structures?
Answer:	The sub-wavelength size includes the gain and feedback structure.
Question:	What wavelengths (and materials systems) are DARPA most interested in?
Answer:	DARPA does not have a preference for any material system; however, the vacuum wavelength of the source should be less than or equal to 1.55 micron.
Question:	Does DARPA want large area light sources, or nanoscale/point light sources, or both? In other words what beams sizes are you looking for?
Answer:	DARPA is interested in a single nano-scaled source. Having a source that is scalable to an array or having controlled beam properties would be considered an advantage.